359/384 35 85 PUBL FEB. 1, 1972

Sheet 400-B

Feb. 1, 1972

TITAN TOOL SUPPLY COMPANY INC.

68 COMET AVENUE P.O. BOX 1682 BUFFALO, N. Y. (14216)
Area Code 716 - PHONE 873-9907

RX-1 STEREO MICROSCOPE

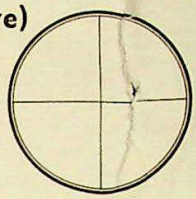
$150.00

(Complete with Eight way adjustable Pillar Stand and 10X eyepiece and 1X objective)

Extra 20X Eyepieces $25.00 per pair
Extra 2X Objective $15.00 each

Cross Hair Eyepiece - Available in 10X - $27.00 each

CROSS HAIR EYEPIECE

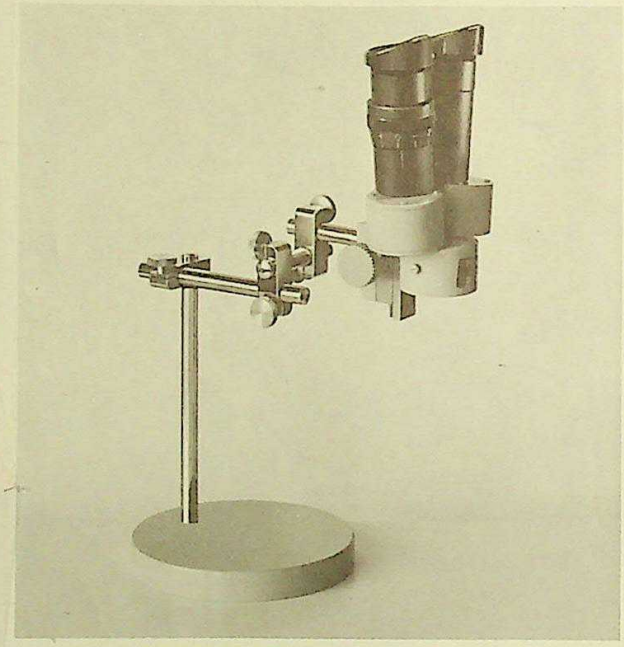


The RX-1 is a wide field, fully corrected Stereo Microscope. The image is erect, with unusual sharpness and great depth of field, both highly desirable features in Three-Dimensional viewing.

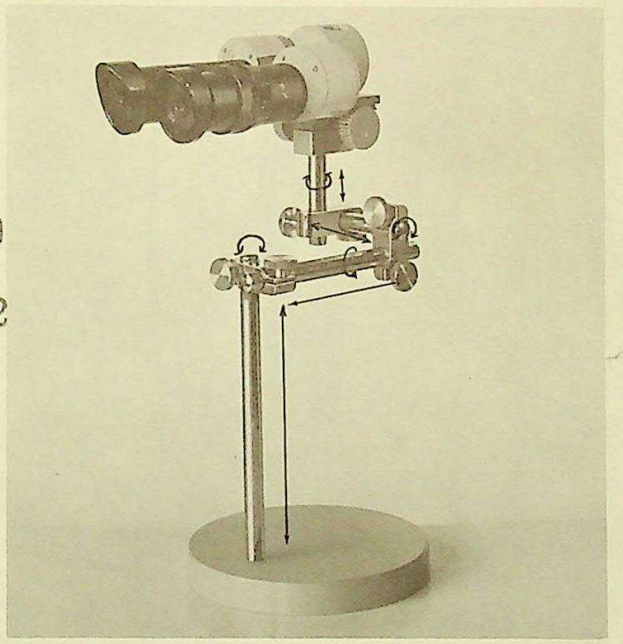
The eight way adjustable Pillar Stand allows for many combinations of Vertical or Horizontal viewing, or even angular adjustment that combines both planes. Full Rotation of 360° is possible on all the adjustments in both directions, with no limitations.

The uses are unlimited from assembly, to burring, inspection, research, electronic Circuit Board soldering and etc.

VERTICAL POSITION



HORIZONTAL POSITION



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MAR 29 1972
GROUP 250

ADVANTAGES OF RX-1:—

PILLAR STAND: 5¾" Diameter, ¾" thick cast base plate with ½" diameter post 7½" long. Extra accessory rods are 5½", 2½" and 2½" respectively.

BODY: RACK and Pinion focusing arrangement with adjustment possible 11" Vertically by combining the 2 long rods or 9" Horizontaly, from Vertical Post by combining one short and one long rod.

BINOCULAR TUBES: With Diopter and Interpupilary adjustments. Diopter Adjustment + or — 2.

EYEPIECE: Wide Field color coated, 10X standard| 20X can be purchased as optional accessory.

OBJECTIVES: 1X built in, 2X can be purchased as optional extra, and screws into frame on under side.

MAGNIFICATION: Three different magnifications are possible — 10X, 20X and 40X with the purchase of 2X objective and 20X eyepieces.

IMAGE: Right side up — optically corrected by use of Prism in Microscope.

PACKAGING: Heavy Duty wood case with lock and key. Shipping weight in case is 11 lbs.

MAGNIFICATION AND FIELD OF VIEW CHART

OBJECTIVES	WORKING DISTANCE	10X EYEPIECE		20X EYEPIECE	
		Magnification	Field of View	Magnification	Field of View
1X (Built In)	4.750"	10X	.760"	20X	.330"
2X (Optional)	2.350"	20X	.420"	40X	.220"

359/384

MONOCULAR ZOOM OBSERVATION MICROSCOPE 15 - 60X MAGNIFICATION
MODEL ZMM - 1 (Complete With Eight Way Adjustable Pillar Stand)

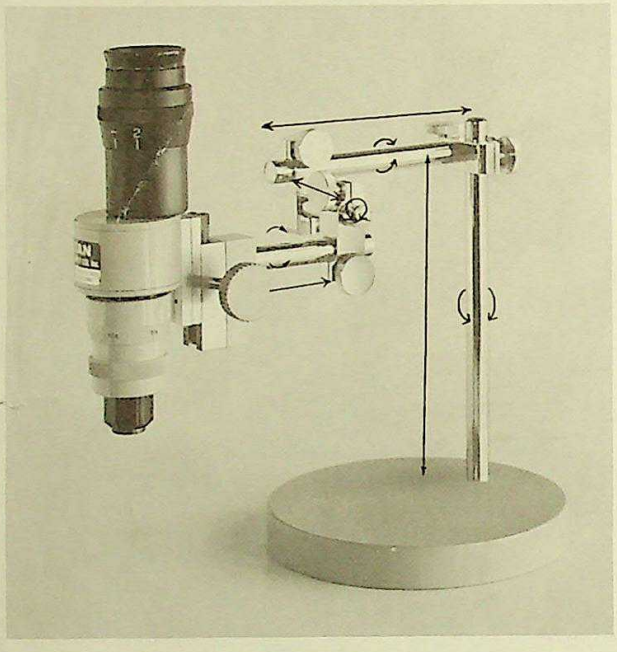
PRICE $135.00

It is sometimes necessary to observe a workpiece in a machine without disturbing the "Set-Up" or to view a given situation during assembly, or a complicated component to try to find cause for potential failure. Pin cracks, blow holes in castings, weave of cloth — these are but a few of the components that need periodic examination.

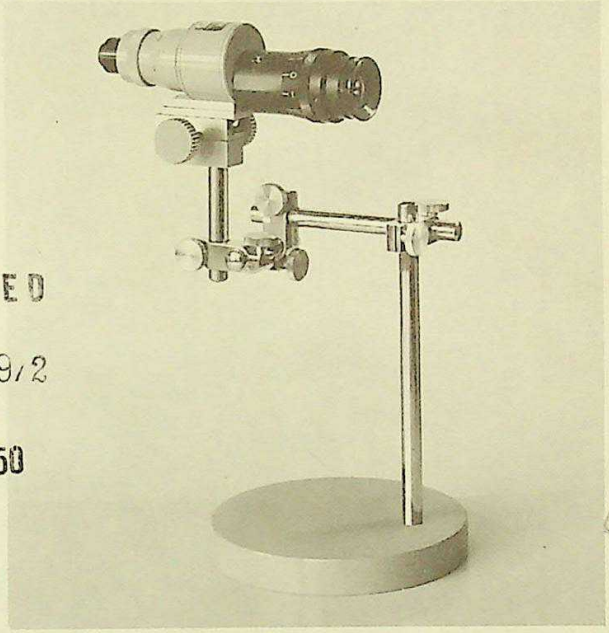
It is further highly desirable to look at these pieces over a large range of magnification without disturbing the set-up due to changing of lenses on the microscope. **THE ZOOM FEATURE ON THE ZMM-1** fulfills this function.

The desireability of a zoom microscope is further enhanced by the constant focal length, great depth of field, large field of view at 15X, with a higher magnification and smaller field of view at the higher Magnification of 60X.

VERTICAL POSITION



HORIZONTAL POSITION



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ADVANTAGES OF ZMM - 1:

PILLAR STAND: 5¾" diameter, ¾" thick cast plate with ½" diameter post 7½" long. Extra accessory rods, 5½", 2½" and 2½" respectively.

BODY: Rack and Pinion focusing arrangement with adjustment possible 11" Vertically by combining the 2 long rods or 9" Horizontally from Vertical post by combining one short and one long rod.

MONOCULAR EYE TUBE: 7½" long with + or — 2 Diopter adjustment.

EYEPIECES: Wide field color coated 10X.

OBJECTIVE: Zoom type, with a zoom ratio of 1 to 4, by rotating the knurled ring at the bottom of the objective lens.

MAGNIFICATION: Ranges from 15X to 60X by adjusting of the Zoom knurl.

IMAGE: Right side up — optically corrected by use of Prism in Microscope.

WORKING DISTANCE: 1.58"

FIELD OF VIEW: Varies from .54" at 15X to .134 at 60X Magnification.

PACKAGING: Heavy duty wood case with lock and key. Shipping weight in case is 11 lbs.

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250/85 PUBL [redacted] JAN. 1975

Sheet 400-F
April 1, 1974

TITAN TOOL SUPPLY COMPANY INC.

68 COMET AVENUE P.O. BOX 1682 BUFFALO, N. Y. (14216)
Area Code 716 - PHONE 873-9907

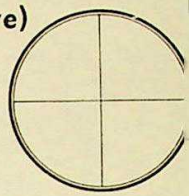
RX-1 STEREO MICROSCOPE — $185.00

(Complete with Eight way adjustable Pillar Stand and 10X eyepiece and 1X objective)

Extra 20X Eyepieces **$27.50 per pair**
Extra 2X Objective **$17.50 each**

Cross Hair Eyepiece - Available in 10X - $30.00 each

CROSS HAIR EYEPIECE



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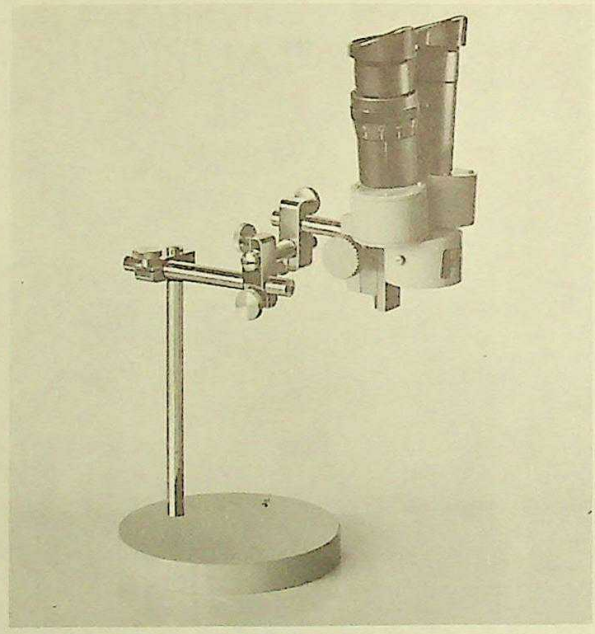
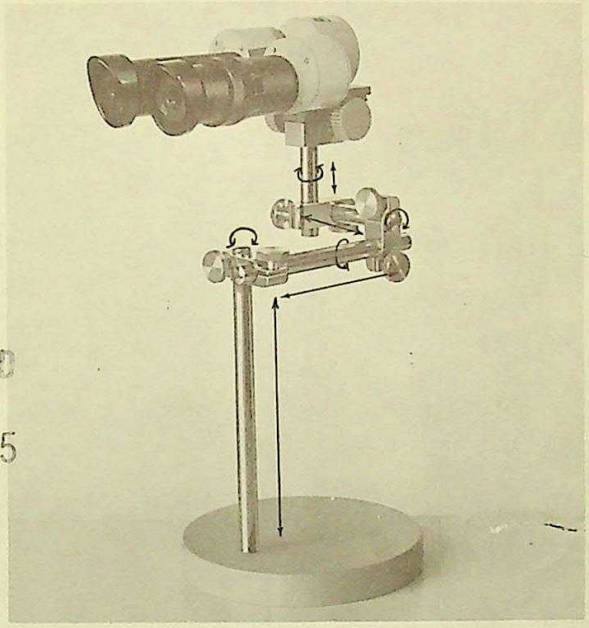
VERTICAL POSITION



HORIZONTAL POSITION



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EYEPIECE: Wide Field color coated, 10X standard 20X can be purchased as optional accessory.

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359/382

MONOCULAR ZOOM OBSERVATION MICROSCOPE 15 - 60X MAGNIFICATION

MODEL ZMM - 1 (Complete With Eight Way Adjustable Pillar Stand)

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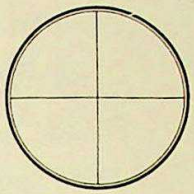
CROSS HAIR EYEPIECE



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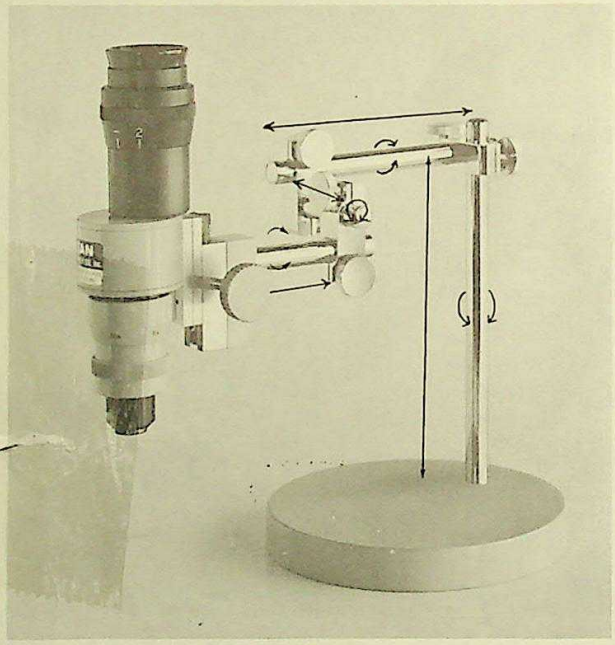
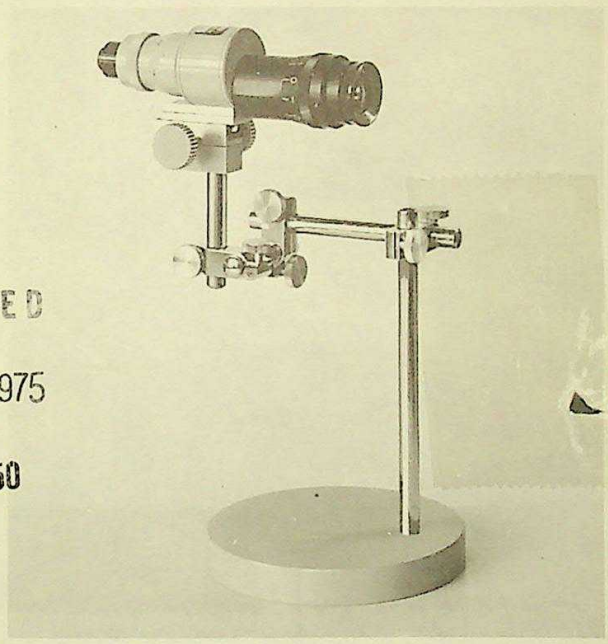


HORIZONTAL POSITION



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